

Sheet 1 of 1

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Application Number: 10/646,467
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~4202~~ 2812
Examiner Name: ~~Marienne L. Redgett~~ *CHYKA*
Attorney Docket Number: 006915/USA/P06/IMPLANT/P31/AG

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PATENT & TRADE MARK OFFICE

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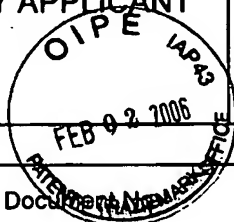
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Date Considered:

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1



Application Number: 10/646,467
Filing Date: 08/22/2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~4208~~ 2812
Examiner Name: ~~Unknown~~ GAYKA
Attorney Docket Number: 006915/P06

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AC	US-4,176,003	11-27-1979	BROWER ET AL.	430	313	02-22-1978
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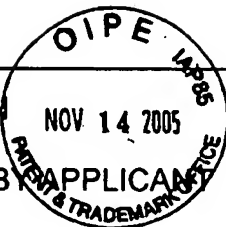
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Application Number: 10/646,467
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First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~2812~~
Examiner Name: ~~Unknown~~ *GAYKA*
Attorney Docket Number: 006915 P06

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
<i>AC</i>	US-6,395,150 B1	05-28-2002	CAN CLEEMPUT ET AL.	204	192.37	04-01-1998
	US-6,413,321 B1	07-02-2002	KIM ET AL.	118	725	12-07-2000
	US 2003/0013260 A1	01-16-2003	GOSSMAN ET AL.	438	301	07-16-2001
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	JP 070455542	14.02.1995	JAPAN	MATSUSHITA ELECTRIC IND CO LTD	N/A
<i>AG</i>	JP 2000150908	30.05.2000	JAPAN	SEMICONDUCTOR ENERGY LAB CO LTD	N/A

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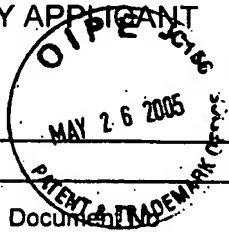
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Application Number: 10/646,467
Filing Date: August 22, 2003
First Named Inventor: Kenneth Collins, et al.
Group Art Unit: ~~280~~ 2812
Examiner Name: Unknown *GLYKA*
Attorney Docket Number: 006915 P06



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Examiner Initials	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-5,510,011	04-23-1996	OKAMURA ET AL.	204	192.3	12-22-1994
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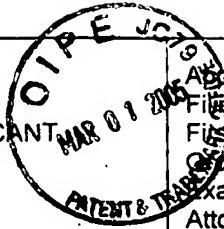
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Application Number: 10/646,467
Filing Date: August 22, 2003
First Named Inventor: Kenneth Collins, et al.
Group Art Unit: 1763
Examiner Name: Unknown
Attorney Docket Number: 006915 P06

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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Examiner's Signature:

Alfred G. Giffa

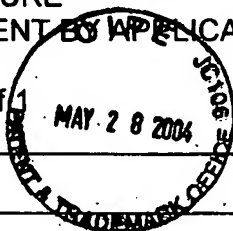
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Group Art Unit: ~~Unknown~~ 2812
Examiner Name: ~~Unknown~~ GUYLA
Attorney Docket Number: 006915 P06

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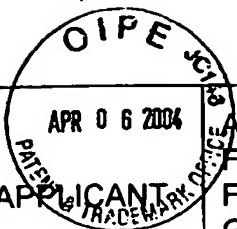
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Group Art Unit: ~~Unknown~~ 2812
Examiner Name: ~~Unknown~~ GAYHA
Attorney Docket Number: 6915 P06

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
AC	US-4,892,7523	01-09-1990	WANG ET AL.	427	38	10-25-1988
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Attorney Docket Number: 6915 P06

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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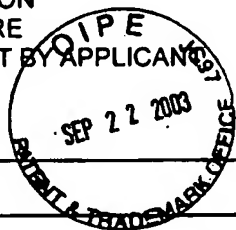
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Application Number: 10/646,467
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First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~Unknown~~ 2812
Examiner Name: ~~Unknown~~ GUYA
Attorney Docket Number: 008401 06

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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AG	U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature:

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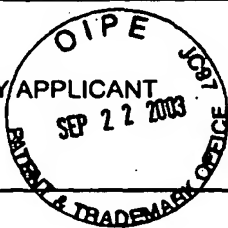
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Examiner Name: ~~Unknown~~ GHYKA
Attorney Docket Number: 008401 06

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AC	US-4,481,229	11-06-1984	SUZUKI ET AL.	427	38	06-20-1983
	US-4,500,563	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
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	US-4,539,217	09-03-1985	FARLEY	427	10	06-27-1984
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	US-4,867,859	09-19-1989	HARADA ET AL.	204	298	08-04-1987
	US-4,871,421	10-03-1989	OGLE ET AL.	156	643	09-15-1988
	US-4,912,065	05-27-1990	MIZUNO ET AL.	437	141	05-26-1988
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AC	US-5,061,838	10-29-1991	LANE ET AL.	219	121.59	06-23-1989

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	JP 62-120041	1.6.1987	JAPAN	UNKNOWN	NO
AC	WO 93/18201	16.09.2003	WIPO	FELCH ET AL.	N/A

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Examiner's Signature:

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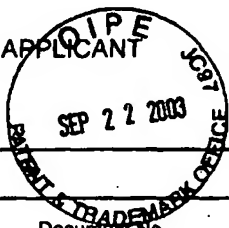
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Group Art Unit: ~~Unknown~~ 2812
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AL	US-5,106,827	04-21-1992	BORDEN ET AL.	505	1	02-05-1991
	US-5,107,201	04-21-1992	OGLE	324	72.5	12-11-1990
	US-5,270,250	12-14-1993	MURAI ET AL.	437	165	12-23-1991
	US-5,277,751	01-11-1994	OGLE	156	643	06-18-1992
	US-5,290,382	03-01-1994	ZAROWIN ET AL.	156	345	12-13-1991
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	US-5,354,381	10-11-1994	SHENG	118	723	05-07-1993
	US-5,435,881	07-25-1995	OGLE	156	345	03-17-1994
	US-5,505,780	04-09-1996	DALVIE ET AL.	118	723	03-18-1992
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	US-5,520,209	05-28-1996	GOINS ET AL.	137	246	12-03-1993
	US-5,542,559	08-06-1996	KAWAKAMI ET AL.	216	67	02-14-1994
	US-5,561,072	10-01-1996	SAITO	437	24	11-21-1994
AL	US-5,569,363	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
AL	WO 99/00832	07.01.1999	WIPO	DONALD SMITH ET AL.	N/A
AL	WO 01/11651 A1	15.02.2001	WIPO	LEONARD MAHONEY ET AL.	N/A
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Examiner Initials	

Examiner's Signature:

[Handwritten Signature]

Date Considered:

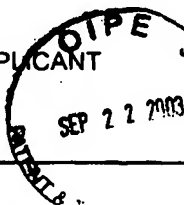
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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 4 of 6

Application Number: 10/646,467
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~Unknown~~ 2812
Examiner Name: ~~Unknown~~ GHYFA
Attorney Docket Number: 008401 06



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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
AG	US-5,587,038	12-24-1996	CECCHI ET AL.	156	345	06-16-1994
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

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Examiner's Signature:

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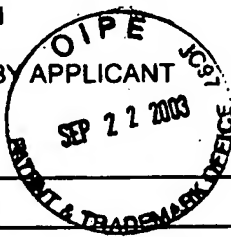
Date Considered:

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INFORMATION
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STATEMENT BY APPLICANT

Sheet 5 of 6



Application Number: 10/646,467
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~Unknown~~ 2812
Examiner Name: ~~Unknown~~ GHYCA
Attorney Docket Number: 008401 06

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

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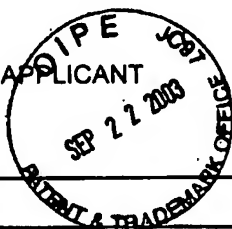
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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 6 of 6



Application Number: 10/646,467
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 06

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date	
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Date Considered:

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1



Application Number: 10/646,467
Filing Date: 08/22/2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~2812~~ 2812
Examiner Name: ~~Marianne Budgett~~ GMYKA
Attorney Docket Number: 006915 USA P06/IMPLANT/P31/AG

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Examiner Initials	Document No	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date MM-DD-YYYY
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	(Include the name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner's Signature:

AC GMYKA

Date Considered:

7/7/07

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